

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-794 REV. C OR EARLIER AND  
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-794 REV. 2 OR EARLIER

REF. TCCA STC: SH05-4  
REF. EASA STC: 10031514  
REF. BRAZIL STC: 2002S09-07/-08  
REF. AUSTRALIAN STC: ASR063SY

## PURPOSE:

TO PROVIDE INSTRUCTIONS THAT ALLOW INSTALLATION OF D4404-1/-5/-7/-9 NEOPRENE CUSHIONS TO PREVENT THE D4055-041 AUX. FUEL TANK FROM CHAFING IN SERVICE.

## CHANGE:

D350-794-011, D130-794-021, AND D350-794-041 KITS AT CHG 005 OR LATER ARE SUPPLIED TO CUSTOMERS/OPERATORS WITH D4404-1/-5/-7/-9 NEOPRENE CUSHIONS INSTALLED ON D4055-041 AUXILIARY FUEL TANK. CUSTOMERS/OPERATORS WITH D130-794-021 AND D350-794-041 KITS AT CHG 004 AND EARLIER CAN PROCURE DSI-9577-011 KIT FROM DART TO UPGRADE THEIR KITS.

## PARTS LIST:

QTY -011	PART NUMBER	DESCRIPTION
X	DSI-9577-011	CUSHION INSTALLATION
1	D4404-1	CUSHION
1	D4404-5	CUSHION, FWD
1	D4404-7	CUSHION, UPPER SIDE
1	D4404-9	CUSHION, LOWER SIDE

## INSTALLATION:

INSTALL THE D4404-1/-5/-7/-9 CUSHIONS IN ACCORDANCE WITH FIGURE 1 OF THIS SERVICE INSTRUCTIONS AFTER COMPLETING STEP 5.2.8 OF THE ANNUAL/100 HOUR INSPECTION OF ICA-D350-794 BY APPLYING A THIN, UNIFORM LAYER OF CONTACT CEMENT (3M 1300/1301 SCOTCHGRIP ADHESIVE OR EQUIVALENT). TRIM TO FIT IF REQUIRED.

## WEIGHT AND BALANCE:

THE FOLLOWING TABLE LISTS THE NEW WEIGHT AND BALANCE OF THE -011/-021 KITS AT CHG 005 OR LATER OR AFTER DSI-9577-011 KIT HAS BEEN INSTALLED.

INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
		ARM	MOMENT	ARM	MOMENT
D350-794-011 AUXILIARY FUEL TANK (CHG 005) (AS350 MODELS)	32.7 lb 14.8 kg	-22.0 in -0.56 m	-719.4 in-lb -8.29 m-kg	126.0 in 3.20 m	4120.2 in-lb 47.4 m-kg
D130-794-021 AUXILIARY FUEL TANK (CHG 005) (EC130 MODELS)	32.7 lb 14.8 kg	-23.6 in -0.60 m	-771.7 in-lb -8.88 m-kg	126.0 in 3.20 m	4120.2 in-lb 47.4 m-kg

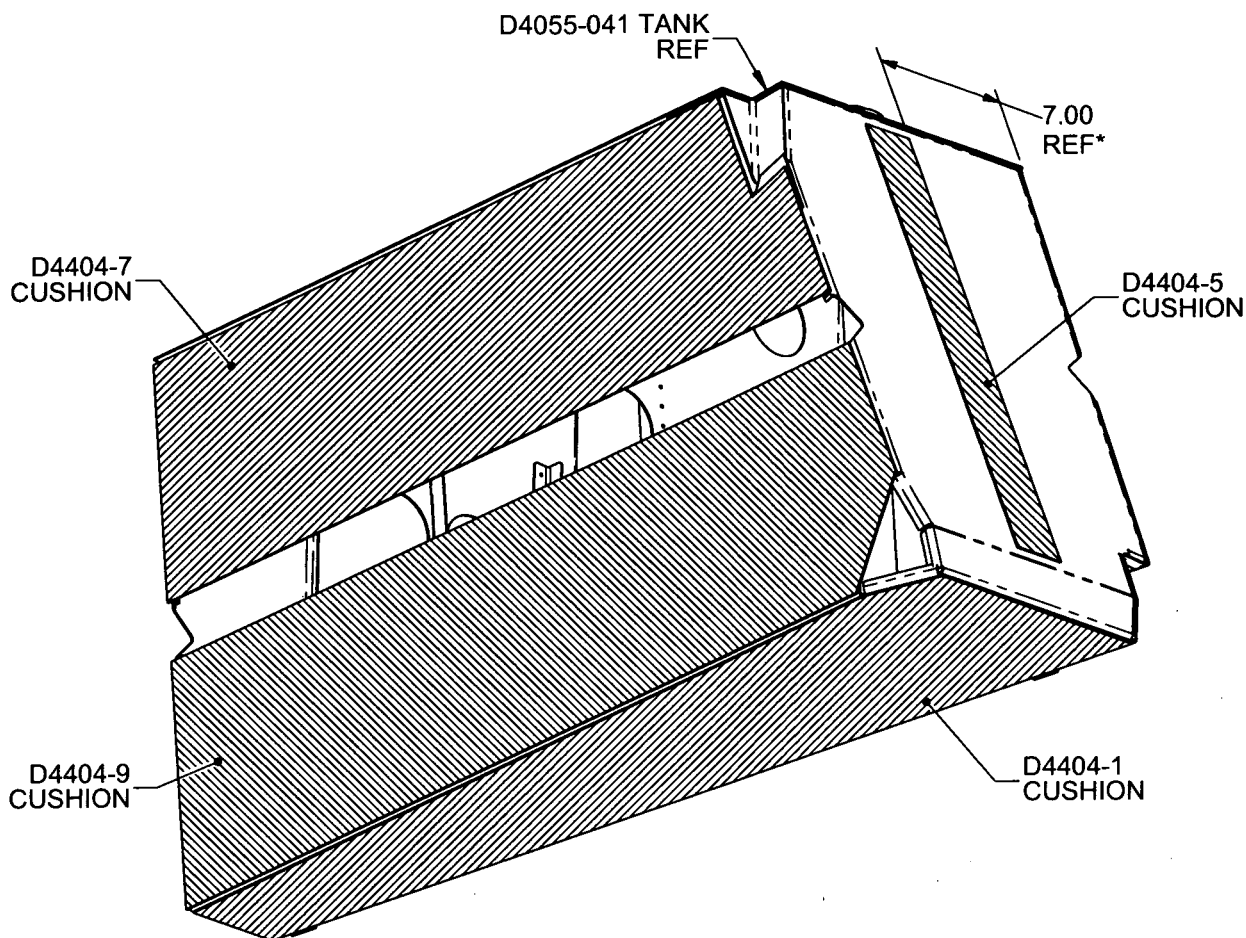
CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY:   
D. SHEPHERD (DE # 02)

DATE: 11.10.21  
CERT. NO.: SH05-4  
ISSUE NO.: 2

A	NEW ISSUE	MB	11.10.04
REV.	DESCRIPTION	BY	DATE
DESIGN		<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9577	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		CUSHION INSTALLATION	NTS
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\*: ALIGN D4404-5 WITH FORWARD RESTRAINT BEAM (EXISTING ON AS350, D4005-3 ON EC130)

**FIGURE 1 - CUSHION INSTALLATION**

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
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CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	<b>DSI 9577</b>	SHEET 2 OF 2
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